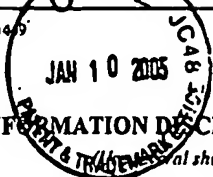


FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 500444.04	APPLICATION NO. 10/648,567
		APPLICANT(S) Troy A. Manning	
		FILING DATE August 25, 2003	GROUP ART UNIT 2133

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DT	AA	5,463,337	10/31/95	Leonowich	327	158	
DT	AB	5,712,883	01/27/98	Miller et al.	375	371	
DT	AC	5,764,092	06/09/98	Wada et al.	327	271	
1/20/06 DT	AD	6,125,157	09/26/00	Donnelly et al.	375	371	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DT	AP	Park, D. et al., "Fast Acquisition Frequency Synthesizer with the Multiple Phase Detectors", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Vol. 2, May 1991. pp. 665-668.
	AQ	

EXAMINER <i>Davidson</i>	DATE CONSIDERED 9/21/05
-----------------------------	----------------------------

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449,  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

500444.04

APPLICATION NO.

10/648,567

## INFORMATION DISCLOSURE STATEMENT

(See reverse sheets if necessary)

APPLICANT(S)

Troy A. Manning

FILING DATE

August 25, 2003

GROUP ART UNIT

2133

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DT	AA	4,979,185	12/18/90	Bryans et al.	375	20	
DT	AB	5,831,545	11/03/98	Murray et al.	340	825.49	
DT	AC	6,005,694	12/21/99	Liu	359	110	
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

EXAMINER

*Davidson*

DATE CONSIDERED

*1/20/06*

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).